Apple Slices

March 1992

Apple Computer, Inc. and Kodak

APPLE'S QUICKTIME TO SUPPORT PHOTO CD IMAGES.
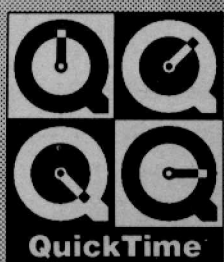
announced that they are working together to integrate support for Photo CD images into future versions of Apple's QuickTime system software extension.

This issue was prepared using Aldus PageMaker™ 4.0, Adobe Illustrator, MicroSoft Word™ and Claris MacWrite™.

The Editorial team is:

Apple2000 are Founder Members and Wholehearted Supporters of the **Apple User Group Council**

OFFICIAL DISCLAIMER

Apple2000 recognizes the proprietary nature of commercial software
Apple2000 actively discourages the duplication of such software in violation of applicable laws
People engaged in such activities bear sole responsibility for their actions

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Apple2000 supports users of all the Apple computers. The ITT 2020, I, II, II+, //e, //c, IIgs, IIgs+, ///, Lisa, XL, Mac 128, Mac 512, MacPlus, SE, SE/30, Mac II, IIcx, IIci, IIsi, IIx, IIfx, LC, Mac Classics, Quadra, Portable and PowerBooks. Contributions and articles for the Apple2000 magazine or Apple Slices are always welcome. We can handle any disk size or format. Please send to PO Box 3, Liverpool, L21 8PY.

USER GROUP CONNECTION
Our thanks to the MUG News Service and Aple's User Group Connection, for contributions to this newsletter.

There are a number of ways to contact Apple2000

If you wish to order goods or services from Apple2000, or if you just wish to leave us a message, please call Irene on 051-928-4142 (Ansafone during the day). Alternatively, you can send us a Fax. on 051-949-0307; or write to us at PO Box 3, Liverpool, L21 8PY.

If you use comms, you can leave orders on TABBS (addressed to the SYSOP), or contact us on AppleLink (BASUG.1).

If you are experiencing problems with Apple hardware or software Dave Ward and John Arnold run the Hotlines and will try to help you.

We are very interested in the activities of local user groups. If you have any information which you would like publicised, John Lee would like to hear from you.

We reserve the right to publish, without prejudice, any advice or comments given to members as a result of letters received, in the journals of Apple2000.

A little praise for a few of our authors wouldn't go amiss. Send all comments and contributions via the PO box. We'd be especially interested to receive any suggestions about what you would like to see in **your** magazines and news-letters.

Contact Points

Apple2000
P.O. Box 3
Liverpool
L21 8PY
ENGLAND

Travel Details and Local Information for the A.G.M.

Location

The Annual General Meeting will be held on Saturday 11th April at 11 am in the Union Church Community Centre, 143 Ferme Park Road, London N8.

The building is on the corner of Ferme Park Road and Weston Park, N8 and the entrance is on Weston Park.

Format

The A.G.M. will take place in the morning, starting at 11 am. During the afternoon, a number of presentations will be made, covering Communications, MIDI, Fractal Graphics and HyperCard.

Buses

W3 buses stop at this junction from Finsbury Park, Wood Green, Alexandra Palace.

W2, W7, 41 & 14 buses stop within a few minutes walk and serve Enfield, Muswell Hill, Archway, Piccadilly.

W5 buses run past the AGM venue on their route from Harringay station to Archway station.

British Rail

British Rail stations on these routes are Finsbury Park, Crouch Hill (North London Link), Alexandra Palace and Hornsey on the Kings Cross main line.
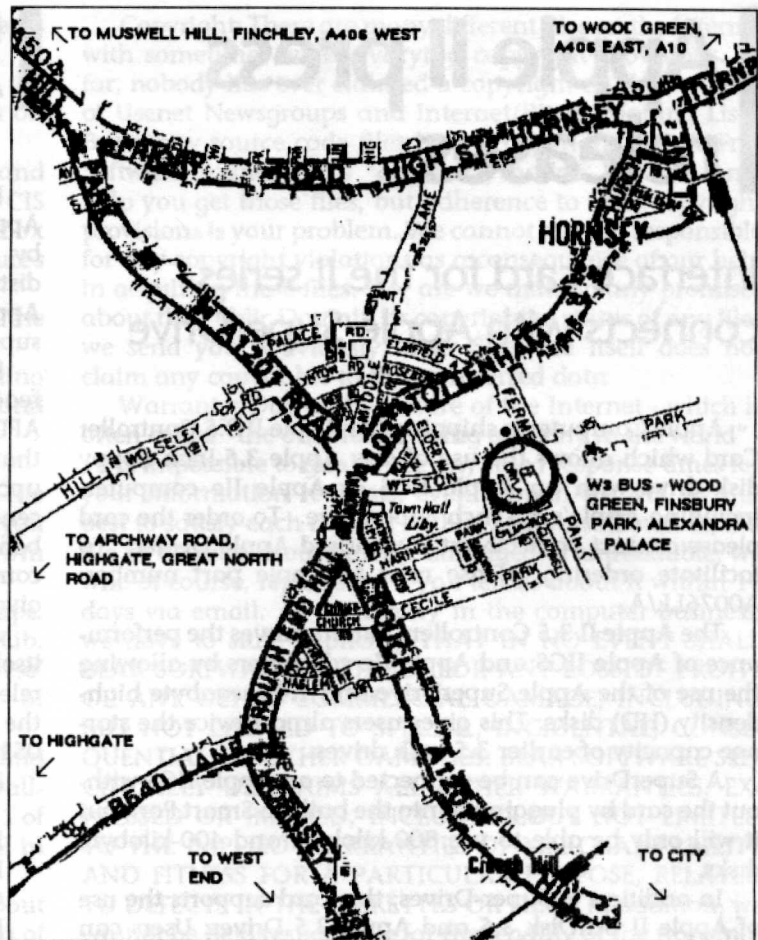
Underground

Nearest tube stations are Finsbury Park (Piccadilly & Victoria lines, W3 bus) and Wood Green (Piccadilly, W3 bus) and Archway (Northern line, 41 bus).

Hotels and Restaurants

There are hotels nearby on Church Lane, 'Aber' on Crouch Hill, 'Raglan' & 'Queens' in Muswell Hill, N10, but we can't vouch for any of them.

100 yards east on Weston Park there are service shops for snacks etc., and an off licence. There are literally dozens of restaurants, cafes and fast food places for eat-in, take away or delivery within five minutes walk on Crouch End Broadway and Tottenham Lane, to suit all tastes - Afro-Caribbean through Vegetarian Malaysian, Indian, Chinese, Italian, French, Greek, to Pizzas, Burgers and sandwiches.

An important message from your Chairman

With the news that the Apple II is now officially dead in the UK, and with the changing focus of Apple2000 membership over the last year, the committee and I have decided that we need to review the services that the group can offer.

The correct platform for any debate of this nature is the AGM that will be held in a few weeks time. As a participating member, if you would like to take part in this important debate, please make every effort to attend the meeting.

Ewen Wannop

The Apple II is dead

Long live the Apple II!! We have received a copy of a memo distributed by Apple to their dealers. It is the final act of Apple UK support to the Apple II. It is not surprising considering how Apple have treated us over the past year. The sting in the tail of this announcement is that those with older Macintoshes are also going to be hit, as it is also the death of the Apple 3.5 800k drive as well. Only the 1.4mb SuperDrive will be available from now on:-

From: Apple UK Sales Administration
Date: February 24th 1992

Dear Dealer Principal,

As some of you have been aware we have been experiencing difficulties in obtaining supply of Apple IIGS systems over the past few months. We have now received official notice that the product will no longer be manufactured in Cork and so the product will no longer be offered in the European market. As a result of this we are announcing that the Apple IIGS will no longer be supplied as a standard product by Apple Computer UK.

For those of you who have already placed orders we are still trying to secure enough stock to cover our backlog.

The products that are discontinued as of today are as follows:

A0D12B/A   Apple IIGS
A2M6014Z   Apple II RGB Monitor
A9M0106Z   Apple 3.5" Drive

Apple II press releases

Interface card for the II series connects with Apple SuperDrive

Apple Computer is shipping the Apple II 3.5 Controller Card which allows the use of any Apple 3.5-inch floppy disk drive with an Apple IIGS or Apple IIe computer, including Apple's 3.5 inch SuperDrive. To order the card please contact your closest Authorised Apple Dealer. To facilitate ordering, please refer to Apple part number: A0076LL/A.

The Apple II 3.5 Controller Card improves the performance of Apple IIGS and Apple IIe computers by allowing the use of the Apple SuperDrive and 1.4-megabyte high-density (HD) disks. This gives users almost twice the storage capacity of earlier 3.5 inch drives.

A SuperDrive can be connected to an Apple IIGS without the card by plugging it into the built-in Smart Port, but it will only be able to use 800-kilobyte and 400-kilobyte disks.

In addition to Super-Drives, this card supports the use of Apple II UniDisk 3.5 and Apple 3.5 Drives. Users can connect up to two of these drives to a card.

Apple IIe computer users need this product to run any of the three compatible drives.

This product is user-installable and is shipped with everything needed to begin using in just minutes. SuperDrives, UniDisk drives and Apple 3.5 drives are sold separately form this card.

Ordering information for Apple external 3.5 drives:

Part Number	Description	Suggested Retail Price
A0076LL/A	Apple II 3.5 Controller Card	$149.00
M0112LL/B	Apple SuperDrive	$399.00
A9M0106	Apple 3.5 Drive	$399.00

❏ These are the US prices we are quoting. We are not sure if Apple UK will be selling the interface card or not.

❏ The SuperDrive of course is the normal external high density disk drive that is used with the Macintosh. We at Apple2000 are trying to see if we can get these cards through a UK dealer. We shall keep you informed as to how we get on.

In the meantime if you wish to obtain one of these cards try your local dealer to see if you are able to get them from him, or try Resource Central in the States.

❏ The SuperDrive, using this interface card, will allow the use of either 1.4mb formatted ProDOS disks or 1.4mb HFS (Macintosh) formatted disks with System 6.0 on the IIgs.

It will allow the use of 1.4mb high density disks on the Apple //e as well.

The SuperDrive will connect directly to the IIgs but will only see standard 800k formatted disks. The AE HD drive will not read HFS 1.4mb disks under System 6.0. ⬥

Resource Central now distributes Apple II development tools

Resource Central is the new home of all the Apple-label Apple II development tools that were previously handled by APDA. They have been selected by APDA to be the distributor of Apple's developer and reference tools for the Apple II family of computers. APDA will no longer be supplying these tools we understand.

By the time you read this, they will be fully stocked and ready for your orders. Their prices will be the same as APDA's or lower. The best result of this development is that they will now be able to offer System 6 and the upcoming ProDOS 8 System Disk 2.0 to anyone. The licensing difficulties that prevented this in the past are behind them. Check their March catalog for prices and a complete listing of the APDA products that they have, or give them a call.

Apple2000 will of course be distributing System 6.0 itself as soon as it is available. We have been expecting its release for some time now and it may well be available by the time you read this article. Please check with Liverpool 051 928 4142.

Resource Central can be contacted at:

Resource Central
PO Box 11250
Overland Park
Kansas 66207
USA
Tel: 0101-913-469-6502
Fax: 0101-913-469-6507 ⬥

Internet access services from Compuserve

Are you one of the many Compuserve or Ziffnet subscribers who are interested in finding out what the Internet has to offer? What those often cited "Usenet newsgroups" are all about? What the famous "wealth of public domain source code" really looks like?

If so, then you probably know already that Compuserve has a mail gateway to the Internet. And you may even have played around with subscribing to Internet Mailing Lists - only to find that your Compuserve mailbox is too small for this kind of usage.

You may also know that there are other services which allow you to subscribe to many of the Internet facilities. But they use different software (often Unix-based) than what you use now for Compuserve. And many of them require hefty startup fees and/or monthly minimums. If all of this looks like more effort and expense than you would consider reasonable for a "look/see trip" or for relatively low usage, then Bear Software's Internet Access Services may be the right ticket for you.

IAS allows every Compuserve user full participation on the Internet without installing new communications software, without subscribing to other services, without any fixed fees, in short: without any startup effort or expenses. The palette of IAS services includes:
❏ sending you daily the new postings of any Usenet newsgroup as one compressed binary Compuserve Mail

message - and relaying your questions/ replies/comments back to the newsgroup.

❏ sending you any file which is available anywhere on the Internet for 'anonymous ftp' via Compuserve Mail or on diskettes.

❏ collecting Internet Mailing List messages for you and sending them to you daily as one compressed binary CIS Mail message. This avoids cluttering up your CIS Mailbox with hundreds of messages and the compression reduces your mail downloading costs.

❏ helping you find the information you need on the Internet.

❏ sending you all the postings of a newsgroup or mailing list for a specified time frame for "look/see trips" around the Internet.

❏ and many others.

If you want to get a feeling for what is available on the Internet in terms of newsgroups and mailing lists, you may want to download the following files from Compuserve:

❏ NEWSGR.ZIP is the official list of all Usenet newsgroups. It is available in Lib. 16 of the TAPCIS forum and in Lib. 1 of UNIXFORUM. If you prefer the Unix 'compress' format, then download NEWSGR.Z from Lib.12 of UNIXFORUM.

❏ INTGRP.ZIP is the semi-official "list of Internet mailing lists" which are also called "interest groups". It is available in library 16 of the TAPCIS forum and in library 1 of the UNIXFORUM in PKZIP format - and as INTGRP.Z in Lib.1 of UNIXFORUM in Unix 'compress' format.

In general, the best place on Compuserve to talk about the Internet is unarguably Section 12 (Usenet/Internet) of UNIXFORUM. That's where the 'net gurus' can be found.

The cost for these services is a uniform four cents ($.04) per kilobyte (1000 bytes or part thereof) of compressed text. There are no startup fees and no monthly minimum. Your only additional cost will be what Compuserve charges you for receiving the binary CIS Mail messages we will send you. Many communications programs in use for accessing Compuserve (e.g. TAPCIS) have built-in mechanisms for handling binary email.

We also offer all these services using diskettes instead of Compuserve email at substantially reduced rates for those cases where the file sizes are larger and/or you can afford to wait for diskettes to arrive via US Mail. Our current charge for this service is $14 per diskette (any format producible on an IBM PC), independent of diskette content. (Just think how much you would have to pay Compuserve for downloading 1.44MB: at 2400bps at least $21!)

If you really get 'addicted' to the Internet and your data volume increases to the point where other services (PSI, UUNET, The Well) are more economical than our strictly volume-based rate structure, we will even help you over the initial humps of these other services with free advice (up to a point, of course).

Bear Software is a small software development company, consisting of people who became 'hooked' on Compuserve and then 'graduated' to the combination of Compuserve and the Internet. Now we want to share this experience and make it easier for other Compuserve users to access those Internet services which are of most interest to Compuserve users. We do not intend to become a major service company, though: Our main business is software development, and we provide these Internet Access Services at barely more than our incremental cost - simply because we think that access to the Internet should be easier and less costly for the casual or novice Internet user.

Copyright: There are many different files on the Internet with sometimes widely varying copyright provisions. So far, nobody has ever claimed a copyright on the contents of Usenet Newsgroups and Internet/Bitnet Mailing Lists. But many source code files bear a copyright (or the Free Software Foundation's "copyleft") notice. We can only help you get those files, but adherence to their copyright provisions is your problem. We cannot be held responsible for any copyright violations as a consequence of our help in acquiring these files. Nor are we making any promises about the Public Domain or copyrighted status of any files we send you. Obviously, Bear Software itself does not claim any copyrights to the transferred data.

Warranty: Due to the nature of the Internet - which is often called "the only functioning anarchy in the world" - , it is impossible to guarantee any fixed response times for your information requests, even though we will try our best to satisfy each request within 24 hours. However, if a file or diskette should arrive damaged or unreadable, we will, of course, replace it - if you tell us about it within 14 days via email. As customary in the computer business, we have to state explicitly THAT IN NO EVENT SHALL BEAR SOFTWARE BE LIABLE FOR ANY LOSS OF PROFIT OR ANY OTHER COMMERCIAL DAMAGE, INCLUDING BUT NOT LIMITED TO SPECIAL, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES. BEAR SOFTWARE SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, RELATED TO DEFECTS IN THE DISKETTES OR FILES. In addition, we cannot be held responsible for the legality of the transmitted material because we act only as forwarders (much like what UPS does for packages).

Payment: We are in the process of setting up the necessary prerequisites for payment by credit card. Until then, we send out invoices on a weekly, biweekly or monthly schedule, depending on the size of the amounts involved - and we expect payment of these invoices within 10 working days. We are, of course, willing to accept company purchase orders if their conditions seem reasonable to us. We must, however, reserve the right to stop sending you files for any reason - especially for non-payment of our bills.

Sales Tax: Since Bear Software is located in Texas, we have to collect sales tax on all transactions with customers with a Texas address. The exact tax rate depends on the customer's address, not on ours.

To begin using our Internet Access Services, just tell us what you want us to send you and the format in which you want to receive it. In addition, we will need your shipping (for diskettes) and billing addresses, and your electronic mail address.

We are prepared to produce the information in practically any DOS- or Unix- based format, but traditionally the favourite format for binary email transmission has been PKZIP libraries containing one file per newsgroup. Inside this file, the individual postings are separated from each other by a line of dashes with the newsgroup name embedded. We are working on an optional alternate format which will be similar to Compuserve MSG files and thus allow using message readers like TAPCIS and MSGVU.

If there are any additional questions, please feel free to ask.

Bear Software Ursula Finkemeyer, President
Compuserve: 70564,604 Internet: ugf@bearsw.com

Principal's New Products

Press releases from Principal Distribution

Principal Distribution have announced that they have gained the exclusive UK distribution rights for some exciting new products...

Mobius Technologies — Multifunction Displays

A new range of multifunction display systems for the Mac from US manufacturer, Mobius Technologies.

Mobius Technologies provide integrated multi-function display solutions that maximise business productivity. The Mobius One Page Display System enables the user to view complete documents on the page, eliminating the need to scroll up or down. Documents appear as they would on the printed page.

The Mobius Two Page Display System expands the desktop, enabling the user to view multiple documents, spreadsheets, and charts. Its 1024 x 826 pixel resolution provides almost an inch more vertical resolution than other displays.

Mobius also offers its 25 MHz 030 Display System, which increases the speed of the Mac Classic and Mac SE six times, to the level of a Mac IIci. The 030 Display Systems are compatible with System 7 and have options of up to 16 MB of virtual memory. Both One Page and Two Page Display Systems are also available with built-in 10 Mbps of Ethernet for networking.

For the Mac SE/30 and Mac II, Mobius' Ethernet Display System dramatically increases productivity, turning the desktop into a powerful workstation, complete with Mobius Display.

One Page Display Systems retail at £595 and Two Page Display Systems at £695. Mobius 25 MHz 030 Display cards start at £399.

DataPivot and DataPrism

Award-winning data management software packages, DataPivot and DataPrism, from Brio Technology.

DataPivot, retailing at £195, is the first Mac reporting tool designed to work with variable data. It recently won the coveted "Eddy" award for best data management product.

With increased speed and enhanced analysis capability, DataPivot produces multi-dimensional reports from relational or flat-file databases and will also rework spreadsheet data.

Supporting System 7, it gives the user interactive control over data layout and reporting and automatically updates reports to reflect database-level changes.

DataPrism allows easy and full functioned access to relational databases. It enables sifting, sorting and report preparation and generation, direct from the Mac. System 7 compatible, it gives ad hoc access to large databases for simple extraction of data in a variety of formats, whether printed, charted or exported to other applications, Mac or PC-based. DataPrism is priced at £279.

Envisio Notebook Display Adap tors

A new range of high-resolution display adaptors for Apple PowerBooks from US vendor, Envisio.

The new Display Adaptors are designed to enhance the output of Apple's new PowerBooks, allowing users to plug into any Mac or PC monitor or overhead projectors in order to share information or presentations.

For the PowerBook 100, the NoteBook Display Adaptor plugs into the memory expansion slot and enables users to drive monochrome 13", 15", 19" and 21" monitors and VGA projection devices. It comes with 1 or 2 MB of fast pseudo-static RAM on-board to expand the PowerBook's memory to 3 or 4 MB respectively

The NoteBook Display Adaptor 030 is an 8-bit display adaptor for the PowerBook 140 and 170. It drives 13" colour displays such as Apple RGB or VGA compatible displays or projectors, with 256 colour capability. Its pass-through connector accepts Apple memory upgrades, allowing the PowerBook to expand to its 8 MB limit. Envisio Notebook Display Adaptors add no additional bulk to the PowerBook.

For the Mac Classic II, Envisio's VideoSimms is a 2 piece monochrome high resolution display adaptor that snaps into the SIMMS socket. It enables the Classic II to drive all 13" to 21" monitors, as well as VGA compatible displays and projectors. VideoSimms comes with either 2 or 4 MB of RAM on-board, expanding the Classic II's memory to 4 or 6 MB respectively.

Prices of the Notebook Display Adaptors start at £499 and range up to £1,099 for the 4 MB Adaptor. VideoSimms retails at £450 (2MB) and £599 (4MB).

All products are available from Apple dealers.

...and some price reductions on existing products...

Savings on SuperMatch 21" Monitors

Principal have announced a price reduction for the 21" SuperMatch colour monitor and an exclusive SuperMatch bundle with Adobe PhotoShop.

Both offers mean savings all round for users of the SuperMatch range of monitors and graphic cards, distributed exclusively in the UK by Principal.

The SuperMatch 21" colour monitor is reduced by £500, from £2,995 to the new RRP of £2,495. The 21" monitor is a two-page display system offering brilliant colour and superior resolution. Fully compatible with Apple's 'two-page standard' resolution of 1152 x 870, with 77 dpi at 75 Hz, the monitor enables users to view two-page documents and layouts in their entirety.

Principal's latest bundle offer comprises the SuperMatch 21" colour monitor, with the SuperMatch Thunder/24 Video Card and Adobe PhotoShop, all for £5,990. This represents a saving of £725.

Thunder/24 provides the necessary features and levels of performance needed for high-end colour prepress and publishing. It offers the fastest single-shot solution in today's Mac market, with on-board QuickDraw acceleration and an OpenSlot expansion feature for future additional functionality.

Adobe PhotoShop is the leading colour image processing package, offering a range of powerful tools to enable full 24-bit colour creation, retouching and manipulation.

Both offers are available from Apple dealers during the period 1st March 1992 to 31st May 1992.

New Apple Software

Some available On-Line
Some available only from Apple

Below is a listing of some of the new software announced and released at MacWorld San Francisco in January 1992. Some of the software, as noted, is available on CompuServe in Library 8 of the Mac Developers Forum. The remainder will not be available on line (anywhere), but can be ordered directly from Apple by calling 1-800-947-5176.

Following the listing are two explanations, by Apple, of what the System 7 Tune-Up software does.

System 7 Tune-Up

Includes: System 7 Tuner 1.0, StyleWriter 7.2.2, LaserWriter 7.1, Chooser 7.1, File Sharing Extension 7.0.2, Read Me, Installer 3.2, Installer Script, and installation instructions.

The System 7 Tune-Up kit is available online at CompuServe in Lib 8 of the Macintosh Developers Forum (GO Macdev). You'll need the Disk Copy application (DCOPY.SIT) from the same library to turn the decompressed download into the required floppy disk for installation.

QuickTime™ System Extension

Includes: QuickTime 1.0, Scrapbook 7.1, Scrapbook for System 6, sample movie, installation instructions.

The QuickTime extension is available online at CompuServe in Lib 8 of the Macintosh Developers Forum (GO Macdev). You'll need the Disk Copy application (DCOPY.SIT) from the same library to turn the decompressed download into the required floppy disk for installation. A variety of QuickTime movies are in Lib 1 of MacFun (GO Macfun).

Apple Printer Tune-Up

Includes TrueType fonts: Times® (4 typefaces), Helvetica® (2), Courier (2), Symbol, Avant Garde® (2), Bookman® (4), Helvetica Narrow (2), New Century Schoolbook (4), Palatino® (4), Zapf Chancery®, Zapf Dingbats®, Chicago, Geneva, Monaco, New York. Software: Personal LW LS 7.1, Personal LW LS Prep 1.0, StyleWriter 7.2.2, PrintMonitor 6.1 and 7.0.1, Font/DA Mover 4.1, Backgrounder 1.3, Serial Switch 1.1, TrueType 1.0, Image Utility 1.0, Cleaning page, ReadMe files, Installer 3.2, Installer Scripts, and separate installation instructions for StyleWriter, Personal LaserWriter LS, and TrueType.

Various portions of the Printer Tuneup software are available in LIB 8 of MacDev, in separate packages so that you dont have to download it all. Check the individual listings there. However, as of January 1992, Apple has said that *none* of the new TrueType fonts will be available from online services, since they are available only to Apple printer owners.

OneScanner™ Software Upgrade with QuickTime

Includes: Ofoto 1.1, Scanner 2.0, HyperScan™ 2.0, QuickTime 1.0, and updated User Guide.

Apple has said that the Ofoto upgrade will *not* be available on line anywhere.

Apple's Summary of System 7 Tune-Up Changes

IMPROVED SYSTEM BEHAVIOR IN LOW MEMORY SITUATIONS

• Fewer memory size alerts:

When the user opens an application, if the available memory is less than the application prefers but more than its minimum requirement, the application will use the available memory. Memory size alerts such as 'Application prefers 1024K of memory, 900K is available, do you want to open using available memory?' will not appear.

• Closed applications quit automatically when more memory is needed:

Users commonly get into low memory situations by closing a document window without quitting the application, since the application still remains in memory. With the System 7 Tune-Up installed, the Finder offers to quit such applications automatically to make enough memory available when opening another application.

• Automatic printing without quitting the application:

If the user chooses Print... with background printing on, and not enough memory is available to use PrintMonitor, System 7 Tune-Up will print the document immediately, without making the user quit the application.

• Reduced System Software memory consumption when AppleTalk is off:

With Chooser 7.1 included with the System 7 Tune-Up, if the user turns off AppleTalk with the Chooser and then restarts, AppleTalk networking code will not be loaded into system memory. This frees up 100K to 125K of RAM, depending on the Macintosh model. If AppleTalk is turned on again with the Chooser, the user must restart to use networking services.

• Reduced System Software memory fragmentation:

As the user opens applications, desk accessories, and control panels, the amount of memory used by System Software increases. Problems in the System 7.0 and 7.0.1 Memory and Process managers prevent some of that memory from being released when those programs quit. System 7 Tune-Up fixes those problems, so more memory is released when applications and desk accessories quit.

PERFORMANCE ENHANCEMENTS

• Faster LaserWriter performance when printing TrueType fonts:

The LaserWriter driver version 7.1 is on average approximately 40% faster than version 7.0. Under certain situations, lab testing has shown a performance increase of up to 73%. The 7.1 driver does not download software or fonts to the LaserWriter IIf, IIg, NT, and NTX if the software or fonts are already in the printer's ROM. This speeds printing of both TrueType and Type 1 fonts. It also does not download TrueType software and fonts to the LaserWriter and LaserWriter Plus; it instead converts TrueType fonts to Type 1 format and downloads those.

• Faster StyleWriter performance:

StyleWriter driver version 7.2.2 is nearly twice as fast as version 7.1, as it has been rewritten based on the

Personal LaserWriter LS driver rather than the ImageWriter driver. Like LS users, therefore, StyleWriter users need the MS Word TrueType Printer Init from Microsoft to print Microsoft Word documents correctly on the StyleWriter printer.

• **Better font memory management:**

TrueType software uses an area of System Software memory to store the most recently used font images. A problem with System 7.0 and 7.0.1 clears this area out whenever any new file is opened. TrueType must then refill this memory, slowing performance (especially when printing). With the System 7 Tune Up, this memory area is cleared only when a new font file is opened, increasing font performance in general and TrueType printing in particular.

• **Faster Chooser performance:**

The new Chooser is approximately 52% faster for device selection and 61% faster for zone selection. Keyboard shortcuts in the Chooser also select devices more quickly. Improvements are most noticeable in network zones with many devices.

• **Faster Finder copying of large files:**

System 7 Tuner 1.0 improves the performance of Finder move and duplicate operations by up to 22% on files over 250K in size.

BUG FIXES

• **Reduced possibility of data corruption with shared files:**

A problem in System 7.0 and 7.0.1 makes it possible for files shared with File Sharing to become corrupted when two or more users access the file simultaneously. File Sharing Extension 7.0.2 fixes this problem.

• **Increased PrintMonitor Reliability:**

System 7 Tune-Up makes Print Monitor more reliable and much less prone to crashes.

• **Bitmapped fonts in the System File marked as purgeable:**

System 7 Tune-Up allows the Font Manager to unload certain fonts in the System 7.0 System file from System Software memory when not in use.

• **Aliases to the Trash:**

System 7 Tune-Up fixes occasional strange behavior of aliases to the Trash.

• **SCSI Manager:**

With System 7.0 and 7.0.1, using serial communications devices during heavy File Sharing activity can cause the SCSI bus to become confused and seem busy when in fact the bus is free. This causes the computer to hang. System 7 Tune-Up fixes this problem.

• **Sleeping Keyboard:**

At startup, the System 7 Tune-Up repeatedly resets Apple Desktop Bus keyboards, preventing a problem in which some keyboards sometimes failed to wake up. This fix is included in 7.0.1 as well.

Apple's Additional Comments on System 7 Tune-Up

For all System 7 users, Apple has introduced the System 7 Tune-Up. The Tune-Up smooths the use of the Macintosh, especially in low-memory situations:

• It eliminates the Application prefers more memory

dialog box;

• When launching an application, it can automatically quit other applications that aren't in use;

• If there's not enough memory to print in the background, it automatically switches to foreground printing; and

• When AppleTalk is turned off, it frees up 125K to 200K additional system memory.

User testing shows that the Tune-Up significantly improves the experience of working with System 7 in low-memory situations. In addition, the Tune-Up speeds up printing on all printers, especially the LaserWriter and StyleWriter; speeds up Chooser operation on large networks; increases the speed of Finder file copying up to 20% for large files; and fixes known bugs with Macintosh File Sharing and PrintMonitor file corruption.

The Tune-Up is a recommended upgrade for all System 7.0 and 7.0.1 users. It consists of one 800K disk and documentation—it is NOT a new set of system software. It can be installed easily, even over a network.

All System 7-based Macintosh CPUs will begin to include the Tune-Up starting this quarter, as will the System 7 Personal and Group Upgrade Kits.

For distribution to current System 7 users, copies of the Tune-Up disk have been sent to all Apple Resellers, Solutions Partners, and field personnel, and the disk files are posted on AppleLink and other licensed electronic bulletin boards. Resellers and licensed user groups are authorized to duplicate the Tune-Up for all Macintosh users. Copies will be mailed automatically to subscribers to the Apple Software Upgrade Program (ASUP).

CD-ROM Industry Expands

TFPL announce that, according to figures taken from "The CD-ROM Directory 1992", some 1,000 new CD-ROM titles have become available over the past year. There are now more than 2,200 CD-ROM titles published worldwide, of which almost half (984) are new titles. This shows a healthy 45% increase in the total number of commercially available titles since the beginning of the year, despite some 300 titles being taken off the market.

Alongside the growth in the number of titles can be seen an increase in the number of companies participating within the CD-ROM and multimedia industry. There are now some 2,600 companies involved in the publishing, production and distribution of CD-ROMs, a 41% increase from last year. Of the 2,600 listed, 1222 are from Europe (a 41% increase), 1011 from the USA and Canada (a 30% increase), 208 from Asia (a 96% increase) and the remainder from Africa, the Middle East, Australasia and South America.

The United Kingdom ranks in second place, behind the USA, when examining CD-ROM titles by country of origin. In total, 8.4% of titles in the directory originate from the UK. This compares with 5.8% from Japan, 5.6% from Germany and a massive 57.3% from the USA.

Considered the most authoritative source of information for both product information and industry information the directory has traced the development of the industry from its beginning in 1986, when there were only 48 commercially available titles, to the 7th edition, just published. The most significant change over the last year has been the rise in the

number of multimedia CD titles. This is reflected in a new section devoted to titles in the CD-I, CDTV, DVI and CD-ROM XA formats. "Data gathered in compiling the directory would seem to indicate that multimedia CD titles have adopted a similar growth pattern to that of CD-ROM titles as a whole" says Matthew Finlay, Editor. In looking at the subject content of 2,200 titles there is a noticeable increase in the following areas — general interest, leisure and recreation; art and humanities; computers and computer programs; education and training; and marketing. This is perhaps in anticipation of increased consumer awareness and interest in 'multimedia' with the launch of CD-I, CDTV, Data Discman and Photo CD. Figures also show the consolidation of the traditional mainstays of medicine; science and technology; and business information.

Macintosh titles one again more than doubled the number over the previous year and now comprise 21% of all available discs. These titles include both

Macintosh versions of PC compatible discs and titles created specifically for use on the Macintosh.

An interesting development in the pricing structure of CD-ROMs is that the largest percentage increase in the number of titles occurs in the below $100 price range. This is good news for consumers, as at present the majority of titles are priced over US$100.

The CD-ROM version of the directory will provide users with full search and report facilities. "The size of the directory and the nature of the data made putting the directory onto CD-ROM an obvious step" says Matthew Finlay. "With a new edition published every six months users will be able to stay in touch with the industry as it expands in both size and scope." On a slightly lower technological level the six comprehensive indexes included in the print version assist in extracting the wealth of information contained in the directory.

The print edition of The CD-ROM Directory is published annually in December. The CD-ROM Directory ON DISC is published twice a year, in July and December and is available on an annual subscription.

CD-ROM TITLES BY SUBJECT DECEMBER 1991

Subject Heading	No.	%
General Interest, Leisure & Recreation	345	15.6%
Arts & Humanities	227	10.3%
Computers & Computer Programs	215	9.7%
Medicine, Health & Nursing	197	8.9%
Science & Technology	185	8.4%
Business & Company Information	177	8.0%
Advertising, Design & Marketing	166	7.5%
Banking, Finance & Economics	165	7.5%
Education, Training & Careers	165	7.5%
Crime, Law & Legislation	163	7.4%
Government Information & Census Data	155	7.0%
Maps, Map Data & Geography	155	7.0%
Libraries & Information Science	148	6.7%
Earth Sciences	145	6.5%
Chemicals, Drugs & Pharmaceuticals	125	5.7%
News, Media & Publishing	117	5.3%
Languages & Linguistics	110	5.0%
Social & Political Sciences	89	4.0%
Directories	80	3.6%
Transport & Transportation Systems	73	3.3%
Life Sciences	72	3.2%
Agriculture & Fisheries	62	2.8%
Military Information & Weapons	47	2.1%
Architecture, Construction & Housing	39	1.8%
Intellectual Property	35	1.6%

* Totals are greater than 2212, and 100% respectively due to discs covering more than one subject area.
TFPL, Tel: 071-2515522. Fax: 071-251 8318.

Macintosh & LEGO Robotics!

A letter from Mohammed Zaidi, the Marketing Manager of Paradigm Software, Inc.

I would like to share some really exciting news with the membership of your MUG. At the recent MACWORLD in San Francisco, Paradigm Software announced a hardware device that for the first time allows the control of LEGO® robotic devices from the Macintosh®! The Pearl Controller™, as it is called, connects between the Macintosh serial port and the LEGO Interface Box (the black box LEGO provides for Apple II or MS-DOS computers).

As you may already know, the union of computers, Logo and LEGO building blocks was pioneered at the MIT Media Lab and commercialized by LEGO in the form of kits for Apple II and MS-DOS computers. With the Pearl Controller, it is now possible for users of all ages and for the first time, to explore the fascinating world of robotics from the Macintosh. And in true Macintosh spirit, what is now possible is far superior to what has been possible on Apple II or MS-DOS computers.

The Pearl Controller is a serial interface device that connects the current LEGO Interface Box to any Macintosh computer and is driven by either Object Logo 2.6 or HyperCard. The Pearl Controller works with existing LEGO hardware, instructions, wiring diagrams, and curriculum material. In addition, the Pearl Controller can be daisy-chained. This means that instead of only controlling three motors and two sensors as is the case with an Apple II, up to 48 motors and 32 sensors can be controlled with 16 Pearl Controllers connected to a single Macintosh serial port!

The Pearl Controller also allows for two new ways of controlling LEGO devices. The first is via HyperCard using either a graphic interface or HyperTalk commands. The second is via an object-oriented interface unique to Object Logo. In the object-oriented paradigm physical robotic components are represented as programming objects. Lights and motors respond to commands from Object Logo and sensors trigger events that are handled automatically by Object Logo. Object-oriented robotics allows for the building of fairly complicated systems with minimal programming.

Object Logo is a very powerful superset of Logo educational programming language. It has a complete object-oriented system, and a math package that rivals that of much more expensive systems.

The suggested retail price of the Pearl Controller is $195 and that of Object Logo 2.6 is also $195. The bundle of the Pearl Controller and Object Logo 2.6 is $300. Lab licenses of Object Logo for 5, 10 and 20 machines are also available.

Orders for the Pearl Controller are being taken with delivery in 6-8 weeks. We are currently shipping Object Logo 2.51 with a free update to 2.6 shipped with the Pearl Controller.

Mohammed Zaidi, Marketing Manager, Paradigm Software Incorporated, P.O.Box 2995, Cambridge, MA 02238

AutoDoubler

Fully transparent and automatic compression software

Amtech International, on behalf of Salient Software, is pleased to announce the release of AutoDoubler, a complementary product to the popular Macintosh compression programme, DiskDoubler. AutoDoubler is the first fully transparent and automatic compression programme for Macintosh users. In addition to being easy-to-use, AutoDoubler is fast and efficient; it doubles available disk space and allows users to access files and run applications while still in compressed format.

Because AutoDoubler is fully transparent and automatic, users' work habits are not interrupted. Unlike other compression software programmes which require users to manually start the compression process, AutoDoubler automatically compresses files in the background while the computer is idle. AutoDoubler scans the disk and compresses all files that meet user specifications until the requested percentage of disk space is met. The programme rescans the disk as new files are added.

AutoDoubler can be customised via the control panel, where users specify the minimum percentage of disk space they need available at all times. Users can specify that all files older than 'X' hours, days, or weeks be compressed and that AutoDoubler begin compressing as soon as their Macintosh has been idle for a specified number of seconds or minutes.

"Users never need to know that AutoDoubler is there," said Lloyd Chambers, chairman of Salient and co-author of AutoDoubler. "They can easily install the programme with just one keystroke, and then forget about it. There are no commands to learn or additional work to be done."

AutoDoubler is twice as fast as current compression programmes — reaching top speeds with a new and unique high-speed compression algorithm. The ability to read compressed files and run compressed applications requires no additional disk space and uses only one-third of the disk I/O, thus providing an additional increase in speed for users.

AutoDoubler ensures reliability by offering the same outstanding safety features of DiskDoubler. Also, AutoDoubler introduces fault-tolerant compression technology. In the event of file damage due to a disk crash, AutoDoubler's unique and easy-to-use repair utility localises data damage to a single section of the file and repairs as much damage as possible. Data on either side of the section is completely retrievable, and in many situations AutoDoubler is able to retrieve the entire file.

Additional features in AutoDoubler include:
- Compressed files can be accessed even on locked disks or CD-ROM
- Network and telecommunication speeds increase up to 100 percent
- Option to mark compressed file icons for easy visual identification

AutoDoubler is System 7 Savvy, and is compatible with all Macintosh applications, system extensions and desk accessories. AutoDoubler works with DiskDoubler, and with Sigma's DoubleUp and Bullet add-on cards which provide even greater speed and compression.

AutoDoubler requires System 6.0.4 or later, a MacPlus or better, and operates in only 130K of RAM. The programme is also compatible with Apple's new Quadra and PowerBook computers. AutoDoubler is available from January, 1992. *For further information contact Vicky Baillie or Alan Coul of Amtech: Tel: 0202-476977 Fax: 0202-479583*

Publishing in Jeddah

Diwan install state-of-the-art publishing system

One of the world's most advanced publishing systems is currently being installed in Jeddah, Saudi Arabia for the Saudi Research & Publishing Company. The order is worth over £300,000 and has been won by a UK-based software and systems house, Diwan. Four newspapers and a magazine will be prepared using a sophisticated network of over a hundred Apple Macintosh computers, worth nearly a million pounds. This will enable the journals to be prepared completely on the computers, from creating the text on screen through page layout to generating full page, colour separations for printing.

Hisham Zahid, Deputy Director General of Saudi Research, commented, "This installation is a major step for our company. It will provide us with the state-of-the art in publishing systems and enable us to significantly expand our business by opening up new markets for us.

"Over the past two years we have worked closely with Diwan in the creation of a similar, Apple-based publishing system for the offices of our sister company, based in London. A staff of over one hundred work on the preparation of several Arabic newspapers and magazines including *Asharq Al-Awsat*, which is the largest circulation Arabic newspaper in the world, and transmit the pages to nine locations around the world for remote printing. We have developed a close working relationship with Diwan from acting as a beta test site for the equipment and software and, in return, they have developed systems to match our evolving needs.

"The Jeddah installation differs in one major way. Most Arabic journalists work in longhand as word processors that work in Arabic have only recently become widely available. Thus journalists more used to writing stories in longhand and giving them to the Typing Pool. These are then passed to the editors and the page designers. For the Jeddah operation, we have invested two years in training all our journalists so that they are completely familiar with the Apple computer system and *Al Nashir Al Sahaf,* which is Diwan's Arabic page layout program. This enables the journalists to input their stories directly onto the system, check them using an Arabic spell checker, and lay them out on the page themselves. This cuts down on the possibility of typing errors occurring in the Typing Pool. Many of the pages have predesigned layouts that simplify and speed up input, such as tables for stocks and shares. *This will be the first Arabic editorial system to work in this fashion anywhere in the world.*

"The final decision to implement the system was made in October 1991 and it is being installed now so that it can

be commissioned over January in parallel with our existing systems and then take over fully at the beginning of February 1992. Over a hundred Apple Macs are being supplied and maintained by Jeraisy Tech Est., who are the Apple agent in Saudi Arabia. Diwan will be providing the overall system integration, key hardware components, networking and satellite communications links. They offer the most efficient Arabic software currently available in the market today. This is backed up with extensive knowledge of publishing and communications links to remote printing systems. The latter is particularly important as we print editions in several locations around the world, i.e. Casablanca, Riyadh, Dhahran, New York, London, Cairo, Frankfurt, Marseilles and Kuwait."

The Jeddah installation

The new publishing system will be housed in specially designed offices in Jeddah. The four newspapers will be: *Arab News* which is a daily newspaper in English, *Arriyadiyah* which is a daily sports paper in Arabic, *Addahira* which is an Arabic daily concentrating on features and news, and *Almuslimoon* an Arabic weekly religious newspaper. Also, there will be a weekly Arabic sports magazine produced in colour and called *Almajalla*. The editorial departments for these titles are arranged on one floor, with the shared services and facilities centrally located. These include the Scanning Pool, the Printing Pool, the Reception Pool, the Film Printing Pool, the Transmission Pool and network management. Networking for the Apples is effected with two Ethernet backbones linked by an AppleTalk Internet router that shares the load and enables the networks to run faster.

Picture handling

The magazine is produced in full colour and, once the logistics of printing the newspapers in colour are sorted out, they will have colour too. In the Scanning Pool, images are inputted using three 800dpi Agfa Colour scanners controlled by Mac IIfx 8/80s and stored on a Mac Quadra 700 4/1GB that has a lGB hard disk functioning as a mirrored backup in case of failure. For A2 input, there is an AUTOKON scanner controlled by a Mac SE/30 4/40, both of which have a reserve as backup, and the images are stored on another Mac Quadra 700 4/1GB with mirrored hard disk, along with images that have been received from the usual wire picture services. All images are stored using JPEG compression techniques that compress the image files by a factor of ten to save disk space.

Access to pictures is provided by Diwan's multi-user PictureNet system. The PictureNet box is a photo receiving station with four inputs that is controlled by a Mac IIsi (8/40) and archived onto a Mac Quadra 700 (16/1GB). Both of these are backed up by spare machines in case of failure. Journalists can scan through the stored images, which are displayed in a small, low resolution format in a grid of images, and click on the image that interests them to see it in full size. Images are manipulated, adjusted for colour balance, etc. using colour retouching programs such as Letraset's ColorStudio.

OPI (Open Pre-press Interface) is used to control the movement of picture information. This is run on a SPARC Workstation connected to the network and generates a low resolution image for each picture, thus reducing the size of the image that is sent across the network and so reducing the load on the network. This is transferred around the network and is used for layout and design. Once a page has been laid out, it is sent back over the network to the Film Printing Pool where the full image is automatically put into the correct location by the system, according to the positioning and cropping of the low resolution image. The laid out, PostScript page file is transferred to one of the five Ultre Setter film setters, which are each controlled by a Mac IIfx (8/160), to generate the film for local printing. A compressed file is simultaneously created for

transfer by leased line from the Transmission Pool, where ten Mac SE/30s control 19200bps modems. Proof copies are prepared using four Apple LaserWriter IIgs which are controlled by a Mac IIsi (5/40) acting as a print spooler.

Satellite links

The leased lines are gradually being replaced with satellite links. Satellite links provide far faster transmission of data and enable papers and magazines to be created in locations far distant from where they are printed. London and sites in North Africa and Europe are now connected via the Utelsat satellite. The next step will be to extend the satellite links to include sites in the USA and the Middle East, and will be effected via the Intelstat satellite when the receiving dishes are installed. Diwan's CommsNet program controls all the local and remote communications links between the modems and the SparcStations with OPI for faster compression, printing and networking.

Centralisation of the editorial and production facilities enables the costs to be kept down so that magazines can be produced with small print runs or for localised editions. This is particularly important as there are many Arabic-speaking groups scattered around the world, providing many potential new markets.

News gathering

Diwan has agreed with the Saudi Press Agency for the Agency to start supplying its electronic news service in a format that is compatible with Diwan's NewsNet system. This means that incoming stories will conform to a fixed layout so that the software can recognise the elements such as heading, body text, only part of story, etc. European News Agencies use a similar format but with the addition of a code to help identify the subject of the story to aid filing. As this code is not yet available from the Saudi Press Agency, Diwan's NewsNet system automatically files incoming stories under as many as ninety nine different categories by scanning them for key words. As with all of Diwan's software, it works in both Arabic, German and English. It will also accept and file stories sent in by correspondents via modem links to the office. Stories sent from Saudi Research's London papers are sent with the necessary coding to enable them to be automatically filed on the system. The four incoming modems are controlled by four Mac SE/30s (4/40) in the Reception Pool that are linked to a pair of Mac IIcis (5/200MB) which act as file servers, mirroring each other in case of failure.

The latest version of Diwan's software is the first Arabic editorial software that enables filed stories to be easily transferred onto the screen, edited and laid out on the same workstation. It will also provide an automatic log to keep a complete record of any alterations to the text and by whom.

Al Nashir Al Sahafi

This Desktop Publishing Page layout program has been developed for the multi-lingual environment by Diwan and is based on Letraset's popular DesignStudio 2.0. Diwan's many years of experience with Arabic mean that Al Nashir is now the world's leading Arabic DTP package. The program supports a number of Arabic fonts that have been specially designed by Diwan. An interesting feature is the bidirectional text handling that enables the user to 'hot-key' between the right-to-left Arabic language and the left-to-right English language, so that English words can be easily dropped into Arabic text and vice versa.

A user works with an 'electronic pasteboard' on the computer recreating the pasteboard found in a traditional design studio, e.g. pictures and text can be put on the outside of the main work area to be pulled in when required. Pages can be laid out with complete freedom, using a system of grids, guides and pre-designed layouts. Full support in provided for CMYK and spot colour separation with full colour separations. *Ali Assam, Diwan, Tel: 081 748 2546, Fax: 081 7415296.*

OmniPage Professional

Caere Goes Professional on the Macintosh

Computers Unlimited have announced the release of OmniPage Professional for Macintosh computers and compatibles. OmniPage Professional is an entirely new product developed to take advantage of the powerful capabilities of System 7; it is the first OCR software to be System 7 savvy, include complete greyscale editing, a comprehensive text editor, support for AccuPage and provide direct input of text into Macintosh applications.

"OmniPage Professional sets a new standard of excellence in Macintosh OCR with significant new capabilities in accuracy, customisation and Macintosh compatibility," said Larry Miller, Caere's vice president of marketing. "As a completely new product, OmniPage Professional was designed to provide Macintosh users with a robust, easy-to use, customisable OCR solution."

Advanced Recognition Tools

Among the key features of OmniPage Professional is the ability to train OmniPage to recognise custom characters, shapes and symbols. Now built into OmniPage Professional, OmniTrain is specifically designed to recognise correctly all misprinted characters. For example, OmniTrain can recognise t's that are misprinted on a document and look like i's. OmniTrain's enhanced recognition capabilities allow scientific documents that contain equation symbols and dingbats to be recognised correctly. OmniPage Professional also has significantly expanded text editing capabilities. Caere's complete Text Editor provides true WYSIWYS (What You See Is What You Scanned) by displaying an entire page layout, including headlines, photos and multiple columns. A pop-up Verification Window allows users to edit a scanned document and simultaneously view a bit-mapped image of the original page by double-clicking. Improved spell-checking features allow users to spell check a document directly on the screen, just as if they were working with a true word-processor.

To further enhance its ease of use, OmniPage Professional includes a deferred processing or clipping feature that allows users to "scan now and recognise later". For example, parts of each page of an article can be selected and scanned first, and then recognised later when convenient. In addition, OmniPage Professional's advanced document processing feature allows for inverted-document processing or upside-down recognition.

Improved OCR Accuracy

OmniPage Professional also makes significant improvements in OCR accuracy through its support of AccuPage technology. Through a strategic alliance, Caere worked closely with Hewlett Packard to optimise the communications linkage between HP AccuPage and OmniPage Professional. Available with the HP ScanJet IIc, HP AccuPage dramatically improves OCR accuracy and format retention on poor quality documents. As a result Caere is the first OCR company to implement HP AccuPage into OmniPage Professional for the Macintosh. Through the use of automatic intensity settings, HP AccuPage automatically sets the optimal contrast on a scanned page, resulting in greater OCR accuracy on documents such as newspapers, stained documents and articles with coloured or shaded backgrounds.

Full-featured Graphics Scanning and Editing

In addition to improved OCR accuracy, OmniPage Professional is the only OCR software that provides users with complete graphics and text scanning capabilities through Caere's full-featured greyscale editor, The Graphic Editor. For users who wish to scan photographs as well as text, The Graphic Editor creates black-and-white line art or continuous-tone images with up to 256 shades of grey. The software also has a complete set of editing tools, including masking, intelligent selection tools, and image merging. The Graphic Editor also includes Caere's proprietary LaserGray technology, which allows users to print halftones that resemble high-quality photographs on standard laser printers.

System 7 Savvy

As the only OCR software that is System 7 savvy, OmniPage Professional offers users significantly enhanced power and ease of use. "We are very impressed with the advanced recognition capabilities of OmniPage Professional," said Kirk Loevner, director, Apple Developer Group. "Because it also takes full advantage of the System 7 environment, OmniPage Professional is ideal for the new Apple OneScanner."

Through its support of Publish and Subscribe, for example, OmniPage Professional allows users to scan a document once and electronically publish the document to subscribers on the system. System 7's Balloon Help feature provides on-screen help while continuing to work. OmniPage Professional's support for Apple Events allows other software to be accessed from within OmniPage. In addition, through support of TrueType, Apple's industry-endorsed outline font technology OmniPage Professional can display font sizes and character attributes.

OmniPage Professional improves the ability to directly input text into other popular programs, such as word processors and spreadsheets. Through the use of UserLand Frontier, the first system-level scripting language for graphic personal computers, users can access OmniPage Professional from within other Macintosh applications, such as word processors, spreadsheets, databases and electronic mail applications.

Fast, Accurate Scanning

Like all versions of OmniPage, OmniPage Professional is based on Caere's state-of-the art AnyFont technology, which enables scanners to recognise virtually any document regardless of the number of typefaces or columns used. OmniPage Professional recognises nearly all non-stylised fonts in sizes ranging from 6 points to 72 points, at speeds of up to 115 characters per second, depending on CPU speed. The software can also read 11 European languages, and automatically separates graphics from text and numbers.

System Requirements

OmniPage Professional will run on any 68020- or higher processor computer with 5 megabytes of RAM under System 7 and 4 megabytes of RAM under System 6.0.7. In addition, a hard disk with at least 4 megabytes of available space and a compatible 300-dots-per-inch scanner are required.

Price and Availability

The suggested retail price of OmniPage Professional for the Macintosh is £795. Available now, existing OmniPage customers may receive a software upgrade to OmniPage Professional for £145. Those customers who purchased OmniPage after October 1 are eligible to purchase and upgrade for £100.
Computers Unlimited, Tel: 081 200 8282, Fax: 081 200 3788.

CE Software Ships Tiles

The Intelligent Desktop for Apple Macintosh computers

CE Software is now shipping Tiles, which allows users to simplify their Macintosh workspace and automate their work. It enhances the standard Macintosh interface.

When Tiles is running, it creates graphic representations of applications and documents as they are opened. These graphic representations, called Tiles, can be stored in palettes or can be placed on the desktop. Either way, the user never needs to remember where he put the applications or documents he used. He can call them up by clicking on the Tile. The user can casually use a Macintosh and not have to worry about the filing system. The Tile remembers where the file is located on the user's disk.

Tiles can play macros (QuicKeys 2 sequences). A Tile for a QuicKey behaves just like other Tiles - the user double clicks it and the action happens.

A "Project Tile" serves as a container for Application, Document and QuicKey Tiles. For example, two letters, a graph and three spreadsheets belong to the Omega Project. These Tiles can be individually accessed or all launched at once by double-clicking the Project Tile. The User has everything needed to get the job done.

"Computers are capable of organising themselves. People don't need to struggle with filing and organising," said John Foster, product manager. "I don't want to worry about which file is stored on what server, or search for the files related to a project. I want to point and say 'do this' Tiles take care of me. It frees my mind to think about creative things."

Tiles can also have graphics placed on them for a visual cue. Thus, if a user is creating a document about forestry, he could put a picture of a tree on the Tile. New pictures for the Tile can be created in the Tiles application or can be imported from Icon, Application or PICT files. Tiles can be colour or black and white.

Other Tiles functions can be activated by clicking on control icons found on the Tiles's palette. These functions include manually creating a new Tile, cleaning up the Tile's palette and "trashing" unneeded Tiles.

Tiles can optionally replace the Standard Open dialog box when it is used with MultiFinder. This creates a consistent graphical environment for the user. When "Open...." is selected, a Tile palette is displayed. The palette contains a number of Tiles for recently opened documents. (The user can adjust how many Tiles are shown by number or age.) Double clicking on a Tile in the palette will open the document.

The size of a Tile can be small or large. Small Tiles can show a name or a picture, and large Tiles can show a name and a picture. Clicking on a Tile and holding the mouse button down will also display the name.

System Requirements and Availability

Tiles requires at least 6.4.4, MultiFinder, two megabytes of memory and a hard drive.

Tiles is immediately available and costs £79.95 from Apple dealers.

Softline's three New Products

Press releases from Softline Distribution

New EPS Exchange 2.0
Allows Aldus FreeHand to Open and Export Adobe Illustrator 88 or 3 files

EPS Exchange 2.0 allows file format conversion between Aldus FreeHand and Adobe Illustrator. The 1.0 version of EPS Exchange converted Aldus FreeHand documents into Adobe Illustrator 88 and 3 formats. Now with the ability to both open and export Adobe Illustrator 88 and 3 (version 3.0 and later) documents, EPS Exchange 2.0 provides a complete bridge between the two most popular Macintosh PostScript language illustration programs.

"We understand that there are times when designers prefer one drawing application over the other," says Rusty Williams, EPS Exchange Product Development Manager. "With EPS Exchange 2.0, we have opened the door for designers to take advantage of the strong features available in both FreeHand and Illustrator. At Altsys, we plan for EPS Exchange to be just the first in the Altsys XTRAS line of superior graphics technology enhancements".

Users of version 1.0 can upgrade at a handling cost of £7.95, inclusive of VAT and postage. They need to send their master disc to Softline with the payment. EPS Exchange 2.0 retails for £99.

Help!
Expert Desktop Technical Support

Help! is a diagnostic application which helps solve system configuration problems for the individual Macintosh user. Help! collects a profile of your system, analyses the data using a built-in and expandable knowledgebase of information, detects problems and suggests corrective action to fix them.

Help! can also be used to test a proposed system configuration using the currently installed software, if a user is going to upgrade to a Quadra from a Ci they can run Help! and set it to use the Ci as if it were a Quadra, thus pinpointing problems before they occur.

Help! is a huge expert system which is being updated quarterly. New releases of software and systems are always being monitored usually direct with the developers. Help! retails for £99.

Hellcats Over the Pacific
World War II 3D Flight Simulator

The hottest new action flight simulator around. You are a pilot of the Pacific Theatre's most notorious fighter aircraft — the F6F Hellcat. You can carry out a number of missions — Bomb strategic targets, intercept enemy aircraft, strafe enemy airfields.

Hellcats is unique in that it uses new simulation technology to create truly high speed shaded 3D graphics, and a sense of fluid motion never before seen in a flight simulator. Flight simulation includes aileron, rudder, elevator, flap and landing gear control. Aerodynamic characteristics of aircraft control surfaces are carefully simulated to create uncanny realism. You feel that you are actually in control of a Hellcat!

Scenarios take you from fighter training to several dangerous fighter bomber missions in and around the Soloman Islands.

Hellcats works on any Mac EXCEPT the 68000 based models (Plus, SE and Classic) with any sized monitor — either in Black and White or Colour. Hellcats retails for £49.

All three products are available through Apple dealers.

Mac Market Hit By Closures

MacBudget and Apple Business bite the dust

UK mail order house MacBudget has been put into liquidation by its creditors. MacBudget ceased trading in December 1991, when calls to the company were no longer answered.

The creditors' meeting took place on 7th January, to establish the debt and ownership of any stock. The liquidator, Frank Hatch, would not comment on the position of customers who had paid for goods without taking delivery of them.

Hatch has contacted Birmingham-based auctioneers Stevens, Champion & Slater to sell off stock that remains once equipment has been returned to unpaid suppliers.

Liquidator: Frank Hatch, Castle & Co, 0384 239021.

Apple Business is the latest in a long line of Macintosh-specific magazines to be closed down.

The magazine was launched as a rival to MacUser in 1988, the first in a wave of Mac and Mac-related magazines launched in the late 1980's — but all of them have failed to flourish.

It was established by International Magazines, then sold to EMAP a year later. Shortly afterwards, Reed announced Mac Magazine, IDG launched Macworld, and VNU brought out Mac News.

To cover the Desktop Publishing/PrePress market, we also saw the launch of MacPublishing and PrePress, both of which have since vanished (although we hear that PrePress is to be relaunched).

After these few short years, only two commercial Mac magazines are still published in the UK — MacUser and Macworld.

The majority of Mac magazines have thus followed in the steps of Windfall and Apple User, which originally catered for the Apple II series, but which died some years ago (to the disappointment of many keen Apple II users).

Is this a sign of the recession which is hitting the whole of the country? Or, is it a result of the limited number of Macintosh systems used in the UK — just look at the number of P.C.-related magazines which still appear on the newsagents' stands!

FOR SALE

CIRTECH FLIPPER 1 MEGABYTE RAMCARD. FOR THE II, IIe Partition for DOS, ProDos, CP/M, and Pasc £40
MICROSOFT CP/M SOFTCARD with Util disk 2.23. II+/IIe £20
DMS PLUS (Data Management System) by Compsoft. CP/M Data & letter creation. Use with the above items £10
KEELE CODES... CP/M FILE SHRINKER & INSTRUCTIONS £5
APPLE IMAGEWRITER I. 2nd Ribbon since new, & looks it. Disks. Leads. & Manual £100
APPLE MONOCHROME 12" MONITOR incl. leads & Manual ..£45
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Ring Eric (anytime) 0757 288306

APPLE IIGS SOFTWARE FOR SALE

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Zany Golf	Simulation	£8
Tetris	Puzzle/game	£8
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Clip Tunes	HyperMedia Add-on	£15
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Phone John Beattie (anytime) 031 554 5096

Members' Small Ads

WARNING: The sale of copied or pirated software is illegal. Please ensure that items offered for sale are new or are re-registered.

MULTIMEDIA DEVELOPERS

I want to contact multimedia developers in the Merseyside area, with a view to creating training material on the Macintosh

'Phone Dave 051 638 3011

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Cirtech Z80 card, Apple //e version £15
ProGrappler parallel printer interface for //gs £25
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Top Draw (//gs graphics) £10
ProDOS Inside and Out, book and disk £5
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Apple][Plus/IIe Troubleshooting & Repair Guide (SAMS) .£5

'Phone Peter Dyson 0789 762510

FOR SALE

A3 Mobius Mono Monitor and card for LC £800
Apple 12" RGB Colour £180

TV colour adaptor for Apple //c

'Phone Philip Hirons 081 310 7162

FOR SALE

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TEL Richard Laing 0206-575581

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Hardware:
Apple III Computer complete with Mono Monitor, Single Drive & Keyboard [fault on processor board?] 1OM. Profile Winchester

Manuals:
Apple III Owner's Guide; Apple Writer III Introduction; Apple Writer III Operating Manual; Mail List Manager; Monitor III Owner's Guide; Profile Owner's Manual; Quickfile III Sampler; Silentype User's Guide; Standard Device Drivers Manual; Visicalc Sampler [Wrapped]; Visicalc III User's Manual.

Software:
Apple III Business Basic; Apple II Emulation; Mail List Manager; Mail List Manager Sample Labels; Profile Demonstration; Profile Driver & System Utilities; Quick File III Boot; Quick File III Program; Quick File III Sample Files; Silentype III Driver; System Demostration; System Utilities; System Utilities Data; Visicalc Programme [3 copies]; Visicalc Sampler; Writer Master; Writer Backup; Writer Sample Data Files; Writer Utilities; Catalyst Quark

Contact B. L. Baker 0803 555529

FOR SALE

Books for Apple Macintosh. These are all in very good to mint condition, will sell to highest bidder:
Macintosh Utilities User's Guide.
Macintosh System Software User's Guide. Version 6.0.
Macintosh SE
Macintosh II
Macintosh IIx
HyperCard User's Guide
Microsoft, Excel. Arrays, Functions, and Macros

'Phone Trevor, anytime 0727 830270

WANTED

Mac Daisy Link to buy or borrow

Please 'phone Bill 0949 838451

MACINTOSH STUFF — FOR SALE

More 3.0 (Outliner & Presentation) £50.00
Claris Resolve (Spreadsheet) £99.00
MacWrite II (+ free upgrade to MacWrite Pro) £99.00
Publish It! Easy (D.T.P. with Database) £85.00
Universal Soft PC (DOS Emulator) £129.00
Hands Off II (File Launcher) £35.00
Calculator Construction Set £35.00
Click Change (Modify the look of your Mac) £35.00
Games — SimEarth / Cribbage Tutor / Bridge 6.00 ..... £50.00

Dycam (Digital Camera & Software) £495.00
DoveFax Desktop (Fax Send/Receive Modem) £195.00
4x1mb RAM Simms (80ns) £80.00

All the above are as new and come complete with all original packaging, manuals and disks. They are all system 7.0 compatible. Postage is extra.

Call Simon (daytime) 0532-446542
(evenings & weekends) 0532-842780

APPLE IIGS HARDWARE FOR SALE

• Apple IIGS cpu, Keyboard, mouse inc., intro disk, system software, 3.5" disk drive, Apple monitor, box of over 100 disks, magazines etc, Apple IIGS book & joystick, Apple mem card fully populated £420
• Apple IIGS RGB monitor £85
• Apple IIGS mem. card fully pop. £60
• Apple IIGS 5.25 inch disk drive £50
• Apple Imagewriter II with cable to GS + colour ribbon £210
• Transwarp GS £150
• GS Ram plus with 1 meg able to go to 8 meg £115
• Audio Animator (stereo & MIDI card with external mixer with connections for home stereo (IN & OUT connectors) volume, input level & mic level and also software and two MIDI cables. £110
• Ramkeeper (Romdisk and can hold two memory cards) inc.UK adapter, USA adapter and battery for backup. £115
• The Apple IIGS book £6
All the above are boxed and include all manuals and software that accompanied the products. Will sell all the above complete for £1250 plus all below software!
• Hacker II (original GS) £5
• World tour golf GS, 512k £15
• Prosel GS, 512k £15
• Captain Blood GS, 512k £20
• Quaterback GS, 512k £20
• The Music studio GS, 512k £20
• Tass times in tonetown, 512k £20
• Sierra adventure Games GS, 512k (7 programs) .... each £20
e.g. King's Quest 1-4, Space Quest I, Leisure suit larry, Black Cauldron. Sell all for £100 all latest versions. will also inc. The Official Book of King's Quest (128pgs), if bought together.
• Apple service GS £8
• Mousedesk II (for GS) £8
• Gauntlet (for GS) £15
• Ramup vers.4.0 .... £10
• Winter Games £10
• King's Quest 1 and 2 .... each £12
• Leisure suit larry £12
• Black cauldron £12
• Apple IIE varius items with it with software. £120
• Original Apple full height 5.25 inch DISK II drive £30
incl.some Dos 3.3 op. disk with manual.will also include a disk notcher Hardware excludes postage, can be collected if desired. offers welcome.

Ring Andrew (Evenings) 0689 853018

April 1992

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May 1992

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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June 1992

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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